```
logo
NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NG...DREADFINCVIWRKSAENFANFTKKGSLVG   72
NTDB id 349537 EC81 RS12145 WP 005776338.1   ...MSVNKVILIGNVGKDPEVRYLDTGIAVASFPLATTDRAYTLSNGTQVPERTEWHNLVLWRGLAETAEKYVHKGDKLY   77
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NG.QRVERTEWHNITMYRKLAEIAGQYLKKGGLVY   75
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NG.QRVERTEWHNITMYRKLAEIAGQYLKKGGLVY   75
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATG.EQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVY   79
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTG.ERREVTEWHRIVFFRRQAEVAGQYLRKGSKVY   77
consensus                                         *!*!***! ***!***!*** ! !!* ***!***** ** *!     ******** *****!!********!!   **

logo
NTDB id 624 LCA RS00040 WP 011373726.1        VDGRLQTRNYENQQGQRVYVTEVVV....DNFSLLESRTTTEQRQGDGASQNFNSN...QSNGSQQSGFTSPQQTGNAPA  145
NTDB id 349537 EC81 RS12145 WP 005776338.1   VEGKIRTRSYDDQSGAKRYVTEIFV....DNMEMLTPKGAGAGS.......................YAPSQQQAAAPV  129
NTDB id 1103 NMB RS07590 WP 002212976.1      LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA..PYEEGYGQSQE........AYQRPAQQSRQPA  140
NTDB id 1131 NGFG RS05740 WP 003695064.1     LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA..PYDEGYGQSQE........AYQRPAQQSRQPA  140
NTDB id 1166 A1552VC RS00795 WP 000168289.1  IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GM..PAQGGM...NVPAQ....QGSWGQPQQPAK...  146
NTDB id 1390 A4U84 RS00055 WP 021115958.1    VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DF..GGNQGSGWNQAPAQTNYNQGGYSDNYAQNN...  147
consensus                                    **!****!*** * ! *** ****       * *!  *              *    *          **  * **   *

logo
NTDB id 624 LCA RS00040 WP 011373726.1        ANNT.........QADPFANNGQAIDISDDDLPF   170
NTDB id 349537 EC81 RS12145 WP 005776338.1   .........RPQP..QQPQQSASSQDNPADDLPF   152
NTDB id 1103 NMB RS07590 WP 002212976.1      SDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     PDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .QHQ..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1    .NFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                             *         * * ***  *!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved